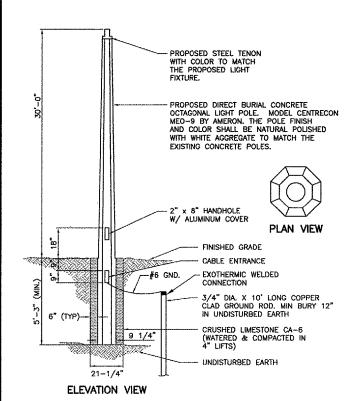
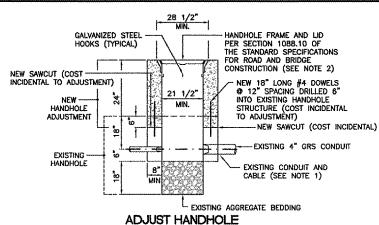


DUCT/CONDUIT MARKER DETAIL



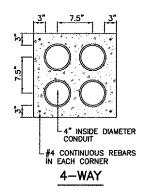
PROPOSED DIRECT BURIED CONCRETE TYPE A LIGHT POLE DETAIL

NOT TO SCALE



NOTES:

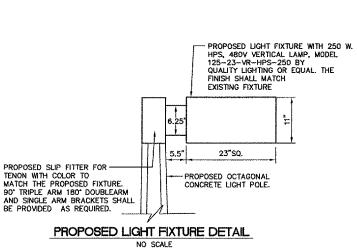
- 1. THE CONTRACTOR SHALL PROTECT EXISTING CABLE AND CONDUIT DURING THE HANDHOLE ADJUSTMENT CONSTRUCTION (INCIDENTAL TO ADJUSTMENT).
- THE CONTRACTOR SHALL REUSE THE EXISTING FRAME AND LID. IF THE CONTRACTOR DAMAGES THE EXISTING FRAME AND LID DURING CONSTRUCTION THE CONTRACTOR SHALL INSTALL A NEW FRAME AND LID AT NO ADDITIONAL COST.



CONCRETE ENCASED DUCT BANK

NOTES:

- 1. DIMENSIONS ARE MINIMUM.
- 2. CONCRETE SHALL CONFORM TO ITEM 610.
- 3. ALL CONDUIT SHALL BE SCHEDULE 40 PVC.
- 4. TOP OF CONCRETE ENCASEMENT IN TURF AREAS SHALL NOT BE LESS THAN 24" BELOW FINISHED GRADE.
- 4" SPLIT DUCT SHALL BE CONCRETE ENCASED WITH 3" MIN. CONCRETE SURRONDING 4" CONDUIT. COST INCIDENTAL TO SPLIT DUCT.

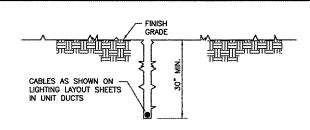


PROPOSED PAVEMENT PROPOSED CA-6 CRUSHED AGGREGATE (208) COMPACTED TO 95% DENSITY STANDARD PROCTOR (COST INCIDENTAL TO PROPOSED CONDUIT) 6" MIN.

GRS CONDUIT UNDER PAVEMENT DETAIL NOT TO SCALE

NOTES

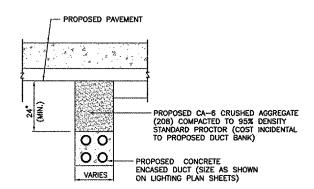
1. PROPOSED CONDUIT SHALL BE INSTALLED AT AN ELEVATION THAT WILL NOT CONFLICT WITH EXISTING OR PROPOSED UTILITIES INCLUDING STORM SEWER, UNDERDRAIN, CONDUIT, DUCT, GAS, WATERMAIN, PHONE, ELECTRICAL AT NO ADDITIONAL COST TO THE CONTRACT.



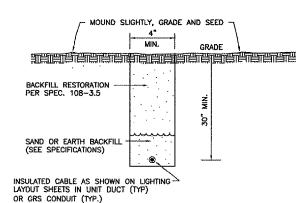
CABLE IN UNIT-DUCT-PLOWED NO SCALE

NOTE

- TO FURTHER REDUCE THE POSSIBILITY OF WATER/MOISTURE ENTERING INTO THE CONNECTOR BETWEEN THE CABLE AND THE FIELD ATTACHED CONNECTOR, IT IS REQUIRED THAT A HEAT SHRINKABLE TUBING WITH INTERNAL ADHESIVE BE APPLIED OVER THE ENTIRE CABLE CONNECTOR.
- DUCT MARKERS SHALL BE INSTALLED AT EVERY NEW DUCT AND AT EVERY EXISTING DUCT USED FOR THIS PROJECT.
- CONTRACTOR SHALL HAVE THE OPTION TO TRENCH OR PLOW UNIT DUCT. NO ADDITIONAL PAYMENT SHALL BE MADE FOR TRENCHING.



CONCRETE ENCASED DUCT BACKFILL



TRENCH DETAIL NO SCALE

- TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE. IF SPECIFIED ON PLANS, TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.
- 2. DEPTH OF TRENCHES SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.
- 4. ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO TRENCH RETURFING MATERIALS.

NOTE: AT CONTRACTOR'S OPTION, CABLE PLOWING MAY BE USED IN LIEU OF TRENCHING.

DU072 PATH: K:\0525702\sheets\ FILE: ph1-elecdtl1.dwg UPDATE BY: johse SURVEY BOOK # XREF DWG: XREF DWG: DATE: Wed 3/24/04 9:32am

REVISIONS		
NUMBER	BY	DATE
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THIS BAR IS EQUAL TO 2"

ORT ILLINOIS SOUTH PHASE DUPAGE AIRPO WEST CHICAGO, I PROVEMENTS FOR S DEVELOPMENT - F ADW.

JRL DRAWN BY JRO APPROVED BY: ΑB 03/03/06 DATE:

ILLINOIS PROJECT: DPA-3325

SHEET 18 OF 21 SHEETS

05257-02